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INFORMATION DISCLOSURE
STATEMENT
Examining Group 1647
Patent Application
Docket No. EPI-104XC1
Serial No. 10/550,675

Glenn P. Ladwig
Glenn P. Ladwig, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : (Not yet assigned)
Art Unit : 1647
Applicants : Shabnam Tangri, Bianca Mothe, Alessandro Sette, Scott Southwood, Kristen Briggs, Robert W. Chesnut
Serial No. : 10/550,675
Filed : September 26, 2005
Conf. No. : 8341
For : Peptides, Polypeptides, and Proteins of Reduced Immunogenicity and Methods for Their Production

MS AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§1.97 AND 1.98

Sir:

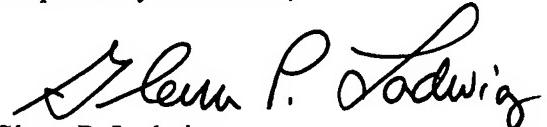
The patent application referred to above was filed in the U.S. Patent Office as a national application under 35 U.S.C. §371. The applicants have been notified that a copy of the International Search Report has been made available in the national stage file as indicated on the Notification of Acceptance of the Application under 35 U.S.C. §371 (Form PCT/DO/EO/903). The Notification does not indicate whether copies of the references cited in the International Search Report were received by the Patent Office. Therefore, copies of the references cited in the International Search Report are enclosed for the Examiner's convenience. However, the applicants have not submitted copies of the U.S. patents cited on attached Form PTO/SB/08 pursuant to 37 C.F.R. §1.98(a)(2)(ii).

In accordance with 37 C.F.R. §1.56, the applicants hereby request that the references cited in the International Search Report and listed on the attached form PTO/SB/08 be made of record and considered in the examination of the subject application.

The applicants have also listed on form PTO/SB/08 numerous references which have not been cited in the international search report. Copies of these documents are enclosed with this IDS. The applicants respectfully request that these references be made of record and considered in the examination of the subject application.

The applicants respectfully assert that the substantive provisions of 37 C.F.R. §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,



Glenn P. Ladwig
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GPL/mv

Attachments: Form PTO/SB/08 (2 pages); copies of some cited references



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/550,675		
Filing Date	September 26, 2005		
First Named Inventor	Shabnam Tangri		
Art Unit	1647		
Examiner Name			
Sheet	1	of	2
		Attorney Docket Number	EPI-104XC1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
U1	US-6,251,939 B1		06-26-2001	Schwartz et al.	Columns 14-16
U2	US-6,153,407		11-28-2000	Sytkowski et al.	Columns 17-18
U3	US-5,985,607		11-16-1999	Delcuve et al.	Columns 57-60
U	US-				
U	US-				
U	US-				
U	US-				
U	US-				
U	US-				

FOREIGN PATENT DOCUMENTS

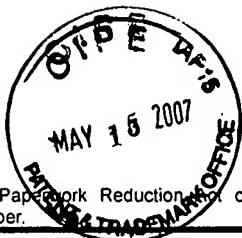
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
F1						
F2						
F3						
F4						
F5						
F6						
F7						

Examiner Signature	Date Considered
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

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Sheet

2

of

2

Complete if Known

Application Number	10/550,675
Filing Date	September 26, 2005
First Named Inventor	Shabnam Tangri
Group Art Unit	1647
Examiner Name	

Attorney Docket Number EPI-104XC1

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	R1	FINNEGAN, A. et al. "Identification of single amino acid substitutions in the staphylococcal nuclease protein that enhance and diminish T cell clone recognition of naturally processed peptides" <i>Intl. Immunol.</i> , 1992, 4:1399-1406, abstract.
	R2	JARDETZKY, T.S. et al. "Peptide binding to HLA-DR1: a peptide with most residues substituted to alanine retains MHC binding" <i>The EMBO Journal</i> , 1990, 9:1797-1803.
	R3	NEURATH, A.R. et al. "Toleration of amino acid substitutions within hepatitis B virus envelope protein epitopes established by peptide replacement set analysis. I. Region S(139-147)" <i>Peptide Res.</i> , 1990, 3:116-122, abstract.
	R4	NIKCEVICH, K.M. et al. "Interference with the binding of a naturally processed peptide to class II alters the immunodominance of T cell epitopes <i>in vivo</i> " <i>J. Immunol.</i> , 1994, 153:1015-1026.
	R5	O'SULLIVAN, D. et al. "On the interaction of promiscuous antigenic peptides with different DR alleles" <i>J. Immunol.</i> , 1991, 147:2663-2669.
	R6	PANINA-BORDIGNON, P. et al. "Universally immunogenic T cell epitopes: promiscuous binding to human MHC class II and promiscuous recognition by T cells" <i>Eur. J. Immunol.</i> , 1989, 19:2237-2242.
	R7	SCHAEFFER, E. et al. "Relative contribution of 'determinant selection' and 'holes in the T-cell repertoire' to T-cell responses" <i>Proc. Natl. Acad. Sci. USA</i> , 1989, 86:4649-4653.
	R8	SETTE, A. et al. "Structural characteristics of an antigen required for its interaction with Ia and recognition by T cells" <i>Nature</i> , 1987, 328:395-399, abstract.
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Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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